

12-21-00

PATENT

A

Attorney Docket No. ELITRA.009A

Date: December 19, 2000

Page 1

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): R. Allyn Forsyth, Kari L. Ohlsen, and Judith W. Zyskind

For: GENES IDENTIFIED AS REQUIRED FOR PROLIFERATION OF E. COLI

Enclosed are:

- (X) 3 sheet(s) of drawing.
- (X) Return prepaid postcard.
- (X) Sequence Listing in 520 pages.
- (X) Sequence Submission Form.
- (X) Sequence Listing in Computer Readable Form.

CLAIMS AS FILED

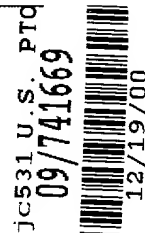
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$355	\$355
Total Claims	142 - 20 =	122 ×	\$9	\$1098
Independent Claims	29 - 3 =	26 ×	\$40	\$1040
If application contains any multiple dependent claims(s), then add			\$135	\$135
TOTAL FILING FEE		\$2628		

- (X) A check in the amount of \$2628 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.



Daniel Hart
Registration No. 40,637
Attorney of Record

S:\DOCS\DOH\DOH-5094.DOC - 121900



09/741669

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BEAR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

550 WEST C STREET

SUITE 1200

SAN DIEGO, CALIFORNIA 92101-3505

(619) 235-8550

FAX (619) 235-0176

INTERNET. WWW.KMOB.COM

JOSEPH S. CIANFRANI
JOSEPH M. REISMAN, PH.D.
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN, PH.D.
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
JAMES W. HILL, M.D.
ROSE M. THIESSEN, PH.D.
MICHAEL L. FULLER
MICHAEL A. GUILIANA
MARK J. KERTZ
RABINDER N. NARULA
BRUCE S. ITCHKAWITZ, PH.D.
PETER M. MIDGLEY
THOMAS S. MCCLENAHAN
MICHAEL S. OKAMOTO
JOHN M. GROVER
MALLARY K. DE MERLIER
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHARON S. NG
MARK J. GALLAGHER, PH.D.
DAVID G. JANKOWSKI, PH.D.
BRIAN C. HORNE
PAYSON J. LEMELLEUR
DIANA W. PRINCE
SHEILA N. SWAROOP

OF COUNSEL

JERRY R. SEILER
PAUL C. STEINHARDT

JAPANESE PATENT ATTY
KATSUHIRO ARAI**

EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT

KOREAN PATENT ATTY
MINCHEOL KIM

SCIENTISTS & ENGINEERS
(NON-LAWYERS)

RAINOND J. SALENIEKS**
JEFFERY KOEPKE, PH.D.**
KHURRAM RAHMAN, PH.D.
JENNIFER A. HAYNES, PH.D.
BRENDAN P. O'NEILL, PH.D.
THOMAS Y. NAGATA
YASHWANT VAISHNAV, PH.D.
MEGUMI TANAKA
CHE S. CHERESKIN, PH.D.**
ERIK W. ARCHBOLD
PHILIP C. HARTSTEIN
JULIE A. HOPPER
CHRIS S. CASTLE
JAMES W. AUSLEY
R. P. CARON, PH.D.
JENNIFER HAYES
KIRK E. PASTORIAN, PH.D.
CHARLES T. RIDGELY
KEITH R. MCCOLLUM
BONNY YEUNG, PH.D.
CONNIE C. TONG, PH.D.

* A PROFESSIONAL CORPORATION
† ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON*
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
ARTHUR S. ROSE
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL
ANDREW H. SIMPSON
JEFFREY L. VAN HOUSEAR
DANIEL E. ALTMAN
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES†
STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK

THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
GINGER R. DREGER
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART, PH.D.
DOUGLAS G. MUEHLHAUSER
LORI LEE YAMATO
MICHAEL K. FRIEDLAND
STEPHEN M. LOBBIN
STACEY R. HALPERN
DALE C. HUNT, PH.D.
LEE W. HENDERSON, PH.D.
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
ERIC M. NELSON
MARK R. BENEDICT, PH.D.
PAUL N. CONOVER
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY
JOHN W. HOLCOMB
JAMES J. MULLEN, III, PH.D.

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ELITRA.009A

Applicant(s) : Forsyth, et al.

For : GENES IDENTIFIED AS REQUIRED FOR
PROLIFERATION OF E. COLI

Attorney : Daniel Hart

"Express Mail"

Mailing Label No. : EL587859730US

Date of Deposit : December 19, 2000

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 131 pages; 3 sheets of drawings; 520 pages of
sequence listing; sequence submission statement; sequence listing in computer readable
form; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner
for Patents, Washington, D.C. 20231.


Carol Macarty